

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos. 1-6
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 20165 A (WHITEHEAD BIOMEDICAL INST ; HUDSON THOMAS (US); LANDER ERIC S (US)); 14 May 1998 (1998-05-14) * see especially the claims * the whole document	1-6
X	WO 98 38846 A (LIPSHUTZ ROBERT J ; BERNO ANTHONY (US); CHEE MARK (US); FAN JIAN BI) 11 September 1998 (1998-09-11) the whole document	1-6
X	CARGILL M ET AL.: "Characterization of single-nucleotide polymorphisms in coding regions of human genes" NATURE GENETICS, vol. 22, July 1999 (1999-07), pages 231-238, XP002121300 the whole document	1-6
Y	US 5 916 748 A (VASILIAUSKAS ERIC A ET AL) 29 June 1999 (1999-06-29) the whole document	1-6
Y	WO 86 00639 A (SANDOZ AG) 30 January 1986 (1986-01-30) * see especially Fig.1, nucleotides 337 to 381 * abstract; figure 1	1-6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	NAKAJIMA A ET AL.: "HLA-linked susceptibility and resistance genes in Crohn's disease" GASTROENTEROLOGY, vol. 109, 1995, pages 1462-1467, XP001025593 the whole document ---	
A	WO 95 21941 A (CEDARS SINAI MEDICAL CENTER) 17 August 1995 (1995-08-17) the whole document ---	
A	FAN J ET AL: "Genetic mapping: Finding and analyzing single-nucleotide polymorphisms with high-density DNA arrays" AMERICAN JOURNAL OF HUMAN GENETICS, UNIVERSITY OF CHICAGO PRESS, CHICAGO,, US, vol. 61, no. 4, SUPPL, 1 October 1997 (1997-10-01), page 1601 XP002089397 ISSN: 0002-9297 abstract ---	
A	WO 94 04196 A (IMP CANCER RES TECH ;VILE RICHARD GEOFFREY (GB); HART IAN ROGER (G) 3 March 1994 (1994-03-03) * see especially SEQ ID NO:22, nucleotides 2587 to 2629 * abstract ---	
P,X	RIOUX J D ET AL.: "Genomewide search in Canadian families with inflammatory bowel disease reveals two novel susceptibility loci" AMERICAN JOURNAL OF HUMAN GENETICS, vol. 66, June 2000 (2000-06), pages 1863-1870, XP001016365 the whole document -----	1-6

Patent Family Annex

Information on patent family members

International Application No

PCT/US 00/33632

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9820165 A	14-05-1998	EP 0941366 A	15-09-1999
WO 9838846 A	11-09-1998	NONE	
US 5916748 A	29-06-1999	AU 2457197 A	07-11-1997
		WO 9739148 A	23-10-1997
		AU 2991697 A	07-11-1997
		CA 2251567 A	23-10-1997
		EP 0906573 A	07-04-1999
		WO 9739356 A	23-10-1997
		US 5874233 A	23-02-1999
		US 5932429 A	03-08-1999
WO 8600639 A	30-01-1986	AT 67244 T	15-09-1991
		AT 172494 T	15-11-1998
		AU 628069 B	10-09-1992
		AU 4009089 A	07-12-1989
		AU 599572 B	26-07-1990
		AU 4545685 A	10-02-1986
		AU 644359 B	09-12-1993
		AU 5497690 A	13-09-1990
		CZ 8505059 A	11-11-1998
		CY 1629 A	10-07-1992
		CZ 9802894 A	16-06-1999
		DE 3584089 A	17-10-1991
		DE 3584089 D	17-10-1991
		DE 3588199 D	26-11-1998
		DE 3588199 T	08-04-1999
		DE 188479 T	21-05-1987
		DK 59493 A	21-05-1993
		DK 102886 A	06-03-1986
		EP 0188479 A	30-07-1986
		EP 0337359 A	18-10-1989
		ES 544868 D	16-11-1986
		ES 8701226 A	16-02-1987
		FI 860308 A	22-01-1986
		GR 851643 A	26-11-1985
		HK 111594 A	21-10-1994
		HK 1011709 A	28-04-2000
		HU 208711 B	28-12-1993
		IE 60819 B	10-08-1994
		IE 930961 L	06-01-1986
		IL 75725 A	21-02-1993
		JP 2594743 B	26-03-1997
		JP 6199897 A	19-07-1994
		JP 2594744 B	26-03-1997
		JP 6319557 A	22-11-1994
		JP 2594768 B	26-03-1997
		JP 7163351 A	27-06-1995
		JP 2540509 B	02-10-1996
		JP 61502682 T	20-11-1986
		KR 9101809 B	26-03-1991
		LU 88337 A	04-05-1994
		NO 179455 B	01-07-1996
		NO 943300 A	13-03-1986
		NO 961452 A	12-04-1996
		NZ 212645 A	26-02-1990
		NZ 228031 A	23-12-1991

Patent Family Annex

Information on patent family members

International Application No

PCT/US 00/33632

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 8600639 A		PL 254400 A PT 80776 A,B SG 108991 G SK 505985 A RU 2130493 C	17-06-1986 01-08-1985 20-03-1992 08-10-1999 20-05-1999
WO 9521941 A	17-08-1995	US 5681699 A AU 1742395 A CA 2183147 A US 6008335 A	28-10-1997 29-08-1995 17-08-1995 28-12-1999
WO 9404196 A	03-03-1994	NONE	